

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| S1 | 28 | (harris-M\$ or detterbeck-D\$ or lox-E \$ or kreuzer-T\$).in. and (filter or porous or honeycomb) and (coat \$4 or impregnat\$4 or infiltrat\$4) and (vacuum or suction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 07:46 |
| S2 | 136 | (harris-M\$ or detterbeck-D\$ or lox-E \$ or kreuzer-T\$).in. and (filter or porous or honeycomb) and (table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:27 |
| S3 | 91 | (harris-M\$ or detterbeck-D\$ or lox-E \$ or kreuzer-T\$).in. and (filter or porous or honeycomb) and (coat \$4 or impregnat\$4 or infiltrat\$4) and (table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:27 |
| S4 | 14 | (harris-M\$ or detterbeck-D\$ or lox-E \$ or kreuzer-T\$).in. and (filter or porous or honeycomb) and (coat \$4 or impregnat\$4 or infiltrat\$4) and (table with (amount or quantity)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:28 |
| S5 | 124 | (harris-M\$ or detterbeck-D\$ or lox-E \$ or kreuzer-T\$).in. and (filter or porous or honeycomb) and (coat \$4 or impregnat\$4 or infiltrat\$4) and (weigh \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:34 |

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| S6 | 3 | (harris-M\$ or detterbeck-D\$ or lox-E \$ or kreuzer-T\$).in. and (filter or porous or honeycomb) and (coat \$4 or impregnat\$4 or infiltrat\$4) and (coating or suspension or solution or catalyst or composition) with (weighed or weighing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:35 |
| S7 | 12 | "1136462" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:36 |
| S8 | 2 | "20010024686" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:37 |
| S10 | 14 | "1273344" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:38 |
| S11 | 9 | "3959520" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:39 |
| S12 | 2896 | (filter or porous or honeycomb or catalytic adj converter) with (coat\$4 or impregnat \$4 or infiltrat\$4 or infus \$4) and (vacuum\$4 or suction\$4 or re-suction \$4) with (extra or excess or excessiv\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:43 |

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| S13 | 128 | (filter or porous or honeycomb or catalytic adj converter) with (coat\$4 or impregnat \$4 or infiltrat\$4 or infus \$4) and (vacuum\$4 or suction\$4 or re-suction \$4) with (extra or excess or excessiv\$4) and (weigh or weighing or weighed) with (amount or coating or impregnant or quantity or degree) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:44 |
| S14 | 17 | (filter or porous or honeycomb or catalytic adj converter) with (coat\$4 or impregnat \$4 or infiltrat\$4 or infus \$4) and (vacuum\$4 or suction\$4 or re-suction \$4) with (extra or excess or excessiv\$4) and (weigh or weighing or weighed) with (amount or coating or impregnant or quantity or degree) with (before and after) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 08:45 |
| S15 | 15 | (filter or porous or honeycomb or catalytic adj converter) with (coat\$4 or impregnat \$4 or infiltrat\$4 or infus \$4) and (vacuum\$4 or suction\$4 or re-suction \$4) with (extra or excess or excessiv\$4) with (repeat\$4) same (amount or coating or impregnant or quantity or degree) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 09:10 |
| S16 | 29 | (filter or porous or honeycomb or catalytic adj converter) with (coat\$4 or impregnat \$4 or infiltrat\$4 or infus \$4) and (vacuum\$4 or suction\$4 or re-suction \$4) with (extra or excess or excessiv\$4) with (repeat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 09:19 |

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| S17 | 29 | (filter or porous or honeycomb or catalytic adj converter or hollow) with (coat\$4 or impregnat\$4 or infiltrat\$4 or infus\$4) and (vacuum\$4 or suction\$4 or re-suction \$4) with (extra or excess or excessiv\$4) with (repeat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 09:20 |
| S18 | 42 | (filter or porous or honeycomb or catalytic adj converter) with (coat\$4 or impregnat \$4 or infiltrat\$4 or infus \$4) and (vacuum\$4 or suction\$4 or re-suction \$4 or blowing or blown or compressed adj air or pressurized adj air) with (extra or excess or excessiv\$4) with (repeat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 09:22 |
| S19 | 16 | (quality adj control) and (corrected or correcting or correct or reprocess\$4 or re-process\$4) with (outlier or outside or defectiv\$4 or under or over) and (corrected or correcting or correct or reprocess\$4 or re-process\$4) with (reduc\$4 or eliminat\$4 or prevent\$4 or avoid\$4) with (wast\$4 or scrap \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 09:30 |
| S20 | 257 | (corrected or correcting or correct or reprocess\$4 or re-process\$4) with (outlier or outside or defectiv\$4 or under or over) and (corrected or correcting or correct or reprocess\$4 or re-process\$4) with (reduc\$4 or eliminat\$4 or prevent\$4 or avoid\$4) with (wast\$4 or scrap \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 09:36 |

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| S21 | 128 | (corrected or correcting or correct or reprocess\$4 or re- process\$4) with (outlier or outside or defectiv\$4 or under or over) and (corrected or correcting or correct or reprocess\$4 or re- process\$4) with (reduc- \$4 or eliminat\$4 or prevent\$4 or avoid\$4) near2 (wast\$4 or scrap \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 09:36 |
| S23 | 2307 | 427/8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 10:41 |
| S25 | 1116 | 427/8.ccls. and @py<"2000" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 10:41 |
| S26 | 1191 | 427/8.ccls. and @py>= "2000" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 10:42 |
| S27 | 164 | (duration or period or time or intensity or processing adj conditions) with based with previous adj3 (sample or substrate or article or body) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 10:58 |
| S28 | 14 | "1273344" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 11:12 |
| S29 | 404 | 427/235.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 13:26 |

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|-----|-----|---|---|----|----|---------------------|
| S32 | 102 | ("20010006717" "20010024686" "20080118628" "20090009692" "20090130294" "4308819" "4355020" "4369271" "4371295" "4439457" "4468411" "4631090" "4632951" "4817277" "4908288" "4916106" "5204204" "5221636" "5252398" "5272037" "5340677" "5419937" "5427884" "5464588" "5605838" "5608500" "5624778" "5665507" "5670239" "5702760" "5792317" "5869001" "5885742" "5898607" "5985030" "6045604" "6071663" "6149973" "6197465" "6210850" "6210850" "6310164" "6312708" "6362009" "6372160" "6387582" "6420567" "6458805" "6548105" "6596056").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 15:05 |
| S33 | 173 | (determine or determined) with (table) with (required or desired or appropriate) with (duration) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 15:54 |
| S34 | 1 | (determine or determined) with (table) with (required or desired or appropriate) with (duration) same (vacuum\$4 or suction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/20 15:55 |
| S35 | 26 | "20040219730" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 06:42 |

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| S36 | 7 | (determine or determined) with (table) with (required or desired or appropriate) with (duration or power or intensity) same (vacuum\$4 or suction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:06 |
| S37 | 0 | (determine or determined) with (table) with (required or desired or appropriate) with (duration or power or intensity) and table with (sample or substrates or articles) near2 (previous or before or preceed\$4 or previously) with (collect \$4 or gather\$4 or accumulat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:10 |
| S38 | 2 | (determine or determined) with (table) with (required or desired or appropriate) with (duration or power or intensity) and table with (sample or substrates or articles) near2 (previous or before or preceed\$4 or previously) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:10 |
| S39 | 41 | (determine or determined) with (table) with (required or desired or appropriate) and table with (sample or substrates or articles) near2 (previous or before or preceed\$4 or previously) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:11 |

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| S40 | 0 | (determine or determined) with (table) with (required or desired or appropriate) and table with (sample or substrates or articles) near2 (previous or before or preceed\$4 or previously) with (gather \$4 or collect\$4 or acumulat\$4 or accumulat\$4 or recorded) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:11 |
| S41 | 68 | table with (sample or substrates or articles) near2 (previous or before or preceed\$4 or previously) with (gather \$4 or collect\$4 or acumulat\$4 or accumulat\$4 or recorded) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:11 |
| S42 | 23 | (determine or determined) with (table) with (required or desired or appropriate) with (duration or power or intensity) same sampling | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:16 |
| S43 | 17 | (determine or determined) with (table) with (required or desired or appropriate) with (duration or power or intensity) and table with (sampled or sampling) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:18 |
| S44 | 387 | (determine or determined) with (table) with (required or desired or appropriate) and table with (sampled or sampling) not (sampling adj output) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:18 |

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| S45 | 91 | (determine or determined) with (table) with (required or desired or appropriate) and table with (sampled or sampling) with (previous or preceding or before or previously) not (sampling adj output) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:19 |
| S46 | 2 | (determine or determined) with (table) with (required or desired or appropriate) and table with (sample or substrates or articles) near2 (previous or before or preceed\$4 or previously) with data | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:20 |
| S47 | 739 | (determine or determined or control or controlled) with (sample or substrates or articles) with immediately near2 (previous or before or preceed\$4 or previously) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:24 |
| S48 | 136 | (determine or determined or control or controlled) with (sample or substrates or articles) with immediately near2 (previous or before or preceed\$4 or previously) with (information or data or conditions) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:25 |
| S49 | 0 | (determine or determined or calculated or derived) with (sample or substrates or articles) with immediately near2 (previous or before or preceed\$4 or previously) same processing adj conditions | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:29 |

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| S50 | 22 | (determine or determined or calculated or derived) with (sample or substrates or articles) with (previous or before or preceed\$4 or previously) same processing adj conditions | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:29 |
| S52 | 1448 | (determine or determined or calculated or derived) with (sample or substrates or articles) with (previous or before or preceed\$4 or previously) with (target or desired or appropriate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:33 |
| S53 | 0 | (determine or determined or calculated or derived) with (sample or substrates or articles) with (previous or before or preceed\$4 or previously) with (target or desired or appropriate) with (suction or vacuum) with (duration or power or intensity) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:34 |
| S54 | 17 | (determine or determined or calculated or derived) with (sample or substrates or articles) with immediately near2 (previous or before or preceed\$4 or previously) with (target or desired or appropriate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:34 |
| S55 | 36 | quality adj control same (collect\$4 or gather\$4 or measure or determine or determined) with line same (table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:38 |

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| S56 | 0 | (processing or variable or conditions) near3 table and each adj control and each adj (sample or substrate or article) with adjust \$4 with subsequent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:49 |
| S57 | 0 | (processing or variable or conditions) near3 table and each adj (sample or substrate or article) with adjust \$4 with subsequent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:49 |
| S58 | 0 | each adj (sample or substrate or article) with adjust\$4 with subsequent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:50 |
| S59 | 0 | each adj (sample or substrate or article) with adjust\$4 with (subsequent or subsequently or following or additional or future) with (sample or substrate or article) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:50 |
| S61 | 25 | (preceeding or previous or before) near2 (sample or substrate or article) adj20 adjust\$4 with (subsequent or subsequently or following or additional or future) with (sample or substrate or article) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:51 |
| S62 | 37 | (preceeding or previous or before) near2 (sample or substrate or article) adj20 adjust\$4 with (subsequent or subsequently or following or additional or future) with (sample or substrate or article) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/24 08:52 |

EAST Search History (Interference)

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8/24/2010 10:51:14 AM

C:\ Documents and Settings\ nempie\ My Documents\ EAST\ Workspaces\ 10553359 -
impregnating honeycomb with QC-for repeated suction to remove excess to desired
coating level.wsp